

ABSTRACT OF THE DISCLOSURE

5 This invention constitutes a measuring distance
device including a sensor array which detects image
signals of an object in a finder screen, a projection
unit which projects a signal light on the object, a
selection unit which selects a detection area for the
image signal of the sensor array, a change unit
(control unit) which makes detection areas selected by
the selection unit different from each other when the
10 signal light is projected or is not projected by the
projection unit, and a focus adjustment unit which
performs focus adjustment by an image signal output in
the detection area of the sensor array selected by the
selection unit. A reduction in time lag is achieved
15 without increasing a read area, and an influence of
harmful light is reduced. This device which can
perform an accurate and high-speed process can be
applied to a hybrid AF camera.

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